Schedule of Accreditation

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Accredited to ISO 15189:2022

Alderley Lighthouse Labs Ltd

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	Molecular Microbiology examination activities for the purpose of clinical diagnosis	In-house documented procedures incorporating manufacturers' instructions
Genital swabs, Urine and Diagnostic Tampons	Detection of *Neisseria gonorrhoeae* *Chlamydia trachomatis* *Trichomonas vaginalis* *Mycoplasma genitalium* *Ureaplasma urealyticum* *Ureaplasma parvum* *Mycoplasma hominis*	Thermofisher Quant Studio 5 PCR multiplex screening utilising Kingfisher extraction method and Bosphore STD Combo Basic Kit V1 MD-SOP-24 Operation, calibration and maintenance of the QuantStudio 5 thermocycler
Genital swabs, Urine and Diagnostic Tampons	Detection of: High risk HPV	Thermofisher Quant Studio 7 PCR multiplex screening utilising Kingfisher extraction method and the Viasure High-risk *Human Papilloma Virus* Real time PCR detection Kit MD-SOP-27 PCR Analysis of STI's using Bosphore STD Bundle Kits
Genital lesion swab samples collected in COPAN transport media	Detection of: Herpes simplex virus 1 DNA Herpes simplex virus 2 DNA *Treponema pallidum* DNA	Thermofisher Quant Studio 7 PCR multiplex screening utilising Kingfisher extraction method and the Viasure HHT Real time PCR Detection kit

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	Serological examination activities for the purpose of clinical diagnosis	In-house documented procedures incorporating manufacturers' instructions
	Electrochemiluminescence testing for the detection of:	Roche Cobas Pro e801 analyser. Immunoassay by electrochemiluminescence. BS-SOP-02 Cobas Pro Operational SOP
Blood Serum/Plasma	Hepatitis B surface antigen (HBsAg)	
Blood Serum/Plasma	Hepatitis B surface antibody (Anti HBs)	
Blood Serum/Plasma	Hepatitis B core antibody (Anti HBc)	
Blood Serum/Plasma	Hepatitis C antibody (Anti HCV)	
Blood Serum/Plasma	Hepatitis A IgM antibody	
Blood Serum/Plasma	Hepatitis A total antibody	
Blood Serum/Plasma	HIV Ag/Ab Combo (Anti HIV1/2 and HIV1p24 Ag)	
Blood Serum/Plasma	Syphilis total antibody	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	Biochemistry examination activities for the purpose of clinical diagnosis	
Serum/Plasma Venous/Capillary unless otherwise stated	Electrochemiluminescence testing for the quantification of	Roche Cobas Pro e801 analyser. Immunoassay by electrochemiluminescence. BS-SOP-02 Cobas Pro Operational SOP
	TSH	
Venous	FT3	
	FT4	
	Folate	
	Vitamin B12	
Venous	Active B12	
	Vitamin D	
	Anti TPO	
	Anti Tg	
	Prolactin	
	DHEAS	
Capillary	Free PSA	
Capillary	Cortisol	
Capillary	Free T3	
Capillary	Active B12	
	Free Androgen Index	Calculation
	Free Testosterone	Calculation
	Testosterone	
	SHBG	
	FSH	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u>	
Serum/Plasma Venous/Capillary unless otherwise stated	Electrochemiluminescence testing for the quantification of	Roche Cobas Pro e801 analyser. Immunoassay by electrochemiluminescence. BS-SOP-02 Cobas Pro Operational SOP
	LH	
	Progesterone	
	AMH	
	Oestradiol	
	TPSA	
Venous	FPSA	
Venous	Cortisol	
Serum/Plasma Venous/Capillary unless otherwise stated	Spectrophotometric testing for the quantification of:	Roche Cobas Pro c503 analyser. Spectrophotometry BS-SOP-02 Cobas Pro Operational SOP
	Sodium	ISE
Venous	Potassium	
	Urea	
	Creatinine	
	Total Bilirubin	
	Albumin	
	Total Protein	
	ALT	
	ALP	
	GGT	
	Cholesterol	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u>	
Serum/Plasma Venous/Capillary unless otherwise stated	Spectrophotometric testing for the quantification of:	Roche Cobas Pro c503 analyser. Spectrophotometry on the BS-SOP-02 Cobas Pro Operational SOP
	Triglycerides	
	HDL	
	LDL (Calculated)	
	Calcium	
	Phosphate	
	Magnesium	
	Iron	
	Transferrin	
	Ferretin	
	CRP	
	HS-CRP	
	Apolipoprotein A	
	Apolipoprotein B	
	AST	
	Copper	
	Zinc	
	UIBC	
	Creatine Kinase	
	Uric Acid	
	eGFR	Calculation

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	Biochemistry examination activities for the purpose of clinical diagnosis	
Serum/Plasma Venous/Capillary unless otherwise stated	Spectrophotometric testing for the quantification of:	Roche Cobas Pro c503 analyser. Spectrophotometry BS-SOP-02 Cobas Pro Operational SOP
	Non-HDL	Calculation
	Cholesterol: HDL Ratio	Calculation
	Globulin	Calculation
	TIBC	Calculation
	Transferrin Saturation	Calculation
Venous/Capillary Blood	Quantitative determination of glycated haemoglobin (HbA1c)	Sebia Capillarys Flex 2 BS-SOP-13 HbA1c analysis on Sebia Capillarys 2
	Haematology examination activities for the purpose of clinical diagnosis	
Venous and capillary blood	Full Blood Count testing for the quantification of: White Blood Cells Lymphocyte count Monocyte count Neutrophil count Eosinophil count Basophil count Red Blood Cells Haemoglobin Haematocrit Mean Corpuscular Volume Mean Corpuscular Haemoglobin Mean corpuscular haemoglobin concentration Red blood cell distribution width/SD Platelet count Mean platelet volume	Beckman DX520 FBC analyser BS-SOP-05 Running and maintenance of DX520
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